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TECH CENTER 50789

1600

RAW SEQUENCE LISTING

DATE: 05/27/2003

PATENT APPLICATION: US/09/758,498A

TIME: 09:13:33

Input Set : A:\pf03851div_subseqlist.txt

Output Set: N:\CRF4\05272003\I758498A.raw

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1 <110> APPLICANT: Lal, Preeti G.; Corley, Neil C.
2     Tang, Y. Tom
4 <120> TITLE OF INVENTION: Autoantigen-like Protein
6 <130> FILE REFERENCE: PF-0385-1 DIV
8 <140> CURRENT APPLICATION NUMBER: US 09/758,498A
9 <141> CURRENT FILING DATE: 2001-01-10
11 <150> PRIOR APPLICATION NUMBER: US 08/928,442
12 <151> PRIOR FILING DATE: 1997-09-12
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15 <170> SOFTWARE: PERL Program
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 395
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
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23 <221> NAME/KEY: misc_feature
24 <223> OTHER INFORMATION: Incyte ID No: 035842CD1
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31 Ile Met Leu Leu Thr Val Arg His Gly Thr Val Arg Tyr Arg Ser
32           35           40           45
33 Ser Ala Leu Leu Ala Arg Thr Lys Asn Asn Ile Gln Arg Tyr Phe
34           50           55           60
35 Gly Thr Asn Ser Val Ile Cys Ser Lys Lys Asp Lys Gln Ser Val
36           65           70           75
37 Arg Thr Glu Glu Thr Ser Lys Glu Thr Ser Glu Ser Gln Asp Ser
38           80           85           90
39 Glu Lys Glu Asn Thr Lys Lys Asp Leu Leu Gly Ile Ile Lys Gly
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45 Leu Arg Arg Ala Thr Glu Tyr Ala Pro Lys Lys Arg Ile Glu Pro
46          140          145          150
47 Leu Ser Pro Glu Leu Val Ala Ala Ala Ser Ala Val Ala Asp Ser
48          155          160          165
49 Leu Pro Phe Asp Lys Gln Thr Thr Lys Ser Glu Leu Leu Ser Gln
50          170          175          180
51 Leu Gln Gln His Glu Glu Glu Ser Arg Ala Gln Arg Asp Ala Lys

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56		215		220		225
57	Ile Gln Phe Asp	Glu Gly Tyr Asp Asn	Tyr Pro Gly Gln Glu	Lys		
58		230		235		240
59	Thr Asp Asp Leu	Lys Lys Arg Lys Asn	Ile Phe Thr Gly Lys	Arg		
60		245		250		255
61	Leu Asn Ile Phe	Asp Met Met Ala Val	Thr Lys Glu Ala Pro	Glu		
62		260		265		270
63	Thr Asp Thr Ser	Pro Ser Leu Trp Asp	Val Glu Phe Ala Lys	Gln		
64		275		280		285
65	Leu Ala Thr Val	Asn Glu Gln Pro Leu	Gln Asn Gly Phe Glu	Glu		
66		290		295		300
67	Leu Ile Gln Trp	Thr Lys Glu Gly Lys	Leu Trp Glu Phe Pro	Ile		
68		305		310		315
69	Asn Asn Glu Ala	Gly Phe Asp Asp Asp	Gly Ser Glu Phe His	Glu		
70		320		325		330
71	His Ile Phe Leu	Glu Lys His Leu Glu	Ser Phe Pro Lys Gln	Gly		
72		335		340		345
73	Pro Ile Arg His	Phe Met Glu Leu Val	Thr Cys Gly Leu Ser	Lys		
74		350		355		360
75	Asn Pro Tyr Leu	Ser Val Lys Gln Lys	Val Glu His Ile Glu	Trp		
76		365		370		375
77	Phe Arg Asn Tyr	Phe Asn Glu Lys Lys	Asp Ile Leu Lys Glu	Ser		
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94	tcctctggaa gcccgagac atcagcggct gcgattatgc tactcactgt tcggcacgga 180					
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99	ccccccaaaa gaagaccact taaaagtttg gaagctacac ttggcaggct tcgaagagct 480					
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101	tctgctgtgg cagattctct cccttttgat aagcaaacia ccaagtcaga gctgctgagc 600					
102	cagctccagc agcatgagga agagtcaagg gcacagagag atgcaaagcg acctaaaatt 660					
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104 tcaagaccag agcttcggat tcagtttgat gaaggctatg acaattatcc tggccaggag 780
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106 gacatgatgg cagttactaa agaagcacct gaaacagaca catcaccttc actttgggat 900
107 gtggaatttg ctaagcagtt agccacagta aatgaacaac cccttcagaa tggatttgaa 960
108 gagctgatcc agtggaacaa agaggggaaa ctatgggagt tccaatttaa caatgaagca 1020
109 ggttttgatg atgatggttc agaatttcac gaacatatat ttctggagaa acacctggag 1080
110 agctttccaa aacaaggacc aattcgccac ttcattggagc tggtgacttg tggcctttcc 1140
111 aaaaacccat atcttagtgt taaacagaag gttgaacaca tagagtgggt tagaaattat 1200
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116 <211> LENGTH: 384
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118 <213> ORGANISM: Homo sapiens
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
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130 35 40 45
131 Gln Arg His Phe Cys Thr Ser Arg Ser Ile Cys Ser Lys Lys Val
132 50 55 60
133 Asp Gln Ser Val Pro Ala Asn Glu Ile Ser Gln Lys Ala Ala Glu
134 65 70 75
135 Ser Gln Gly Arg Gly Lys Glu Thr Leu Lys Lys Asp Leu Leu Asp
136 80 85 90
137 Ile Ile Lys Asp Met Lys Val Asp Leu Ser Thr Ala Asn Val Lys
138 95 100 105
139 Thr Pro Lys Pro Arg Gly Arg Lys Pro Ser Ala Ser Leu Glu Ala
140 110 115 120
141 Thr Val Asp Arg Leu Gln Lys Ala Pro Glu Asp Pro Pro Lys Lys
142 125 130 135
143 Arg Asn Glu Phe Leu Ser Pro Glu Leu Val Ala Ala Ala Ser Ala
144 140 145 150
145 Val Ala Asp Ser Leu Pro Phe Asp Lys Gln Thr Thr Lys Ser Glu
146 155 160 165
147 Leu Leu Arg Gln Leu Gln Gln His Glu Glu Glu Leu Arg Ala Gln
148 170 175 180
149 Lys Asp Arg Glu Lys Arg Arg Ile Ser Phe Thr His Ile Ile Ser
150 185 190 195
151 Asn Met Lys Ile Ala Lys Ser Pro Ser Gly Arg Ala Ser Thr Arg
152 200 205 210
153 Pro Gln His Gln Ile Gln Phe Asp Glu Asp Met Asp Ser Ser Leu
154 215 220 225
155 Lys Gln Glu Lys Pro Thr Asp Phe Arg Lys Arg Lys Tyr Leu Phe

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156		230		235		240
157	Lys Gly Lys Arg	Leu Ser Ile Phe Ala	Asp Lys Ala Phe Ala	Asp		
158		245		250		255
159	Glu Pro Pro Glu	Pro Glu Ala Ser Pro	Ser Leu Trp Glu Ile	Glu		
160		260		265		270
161	Phe Ala Lys Gln	Leu Ala Ser Val Ala	Asp Gln Pro Phe Glu	Asn		
162		275		280		285
163	Gly Phe Glu Glu	Met Ile Gln Trp Thr	Lys Glu Gly Lys Leu	Trp		
164		290		295		300
165	Glu Phe Pro Val	Asn Asn Glu Ala Gly	Leu Asp Asp Asp Gly	Ser		
166		305		310		315
167	Glu Phe His Glu	His Ile Phe Leu Asp	Lys Tyr Leu Glu Asp	Phe		
168		320		325		330
169	Pro Lys Gln Gly	Pro Ile Arg Leu Phe	Met Glu Leu Val Thr	Cys		
170		335		340		345
171	Gly Leu Ser Lys	Asn Pro Tyr Leu Ser	Val Lys Gln Lys Val	Glu		
172		350		355		360
173	His Ile Glu Trp	Phe Arg Asn Tyr Phe	Asn Glu Lys Arg Asp	Ile		
174		365		370		375
175	Leu Lys Glu Asn	Asn Ile Ala Phe Thr				
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VERIFICATION SUMMARY

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